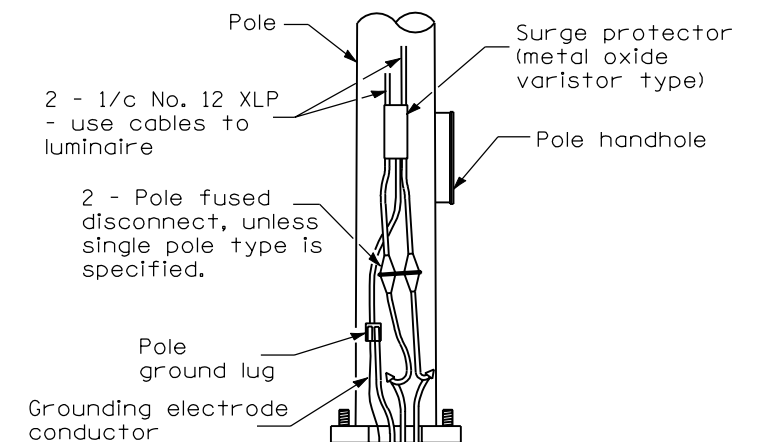


ANCHOR ROD DETAIL



POLE BASE DETAIL

GENERAL NOTES

Signal heads, sign panels, and other attachments are shown for minimum design loading purposes only. Each signal head shall weigh 36 kg (80 lb) and have a projected area of 1.37 sq m (14.7 sq ft).

All dimensions are in millimeters (inches) unless otherwise shown.

MAST ARM LENGTH	BOLT CIRCLE	ANCHOR ROD SIZE
4.87 m thru 6.10 m (16' thru 20')	380 (15)	38 x 1.5 m (1.5 x 60)
6.71 m thru 9.14 m (22' thru 30')	450 (18)	38 x 1.5 m (1.5 x 60)
9.75 m thru 12.20 m (32' thru 40')	450 (18)	44 x 2.10 m (1.75 x 84)
12.80 m thru 16.80 m (42' thru 55')	535 (21)	44 x 2.10 m (1.75 x 84)

DATE	REVISIONS
1-1-04	Revised to show current loading requirements.
1-1-02	Renum. Standard 834011.

STEEL COMBINATION MAST ARM ASSEMBLY AND POLE

STANDARD 877011-01

Illinois Department of Transportation

APPROVED January 1, 2004
ENGINEER OF OPERATIONS

APPROVED January 1, 2004
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-02